

Center for Multimedia Education and Technology

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The center's main goal is the development of interactive multimedia software modules for education.

Background

Established in 1993 for the development of interactive multimedia software modules for science, mathematics, and engineering education.

Technology Development Progress

Software and hardware interactive multimedia products for education including simulation software, virtual laboratories, software and hardware for data acquisition and analysis, inexpensive virtual reality applications.



Production and distribution of interactive multimedia educational modules on CD-ROM.

Highlights and Accomplishments

Two CD-ROM products have been developed: a multiplatform "Calculus Castle" and "Engineering Electromagnetics." Another CD-ROM in genetics, "History of the Human Gene," is also completed. The Center is actively pursuing commercialization of these products.

The center manages the Conceptual Learning of Science (CoLoS), USA project, which is a consortium of eleven universities and is sponsored by Hewlett-Packard Company.

In collaboration with John Wiley & Sons, the center continues to publish the award-winning journal, "Computer Applications in Engineering Education."

The center hosted an international conference "1996 Frontiers in Education" in Salt Lake, which had 617 attendees from 14 countries

Summary Data:

Current

1996-97 Award	\$100,000
Matching Funds	\$338,546
Patents Pending	0
Copyright Issued	0
License Agreements	0
Spin-off Companies	0
Companies Assisted	10
Industry Jobs	0
Center Jobs	20

Cumulative

Awards	\$450,000
Matching Funds	\$1,953,779
Copyright Issued	0
License Agreements	0
Spin-off Companies	0